

May 21, 1938

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Reference numbers are assigned to facilitate the use of a subject index at the end of this Letter Circular.

Ref. Series Price

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|---|------|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | S153 | OP | Action of sunlight and air upon some lubricating oils. C. E. Waters. Bul. BS, <u>7</u> , 227 (1910). |
| 2 | S160 | OP | Behavior of high boiling mineral oils on heating in air. C. E. Waters. Bul. BS, <u>7</u> , 365 (1910). |
| 3 | | | Resistance, inductance and capacity of eccentric cylinders. (Electrical measurement of oil film thickness.) M. D. Hersey. Elect. World, <u>56</u> , 434 (1910). |
| 4 | T4 | OP | Effect of added fatty and other oils upon carbonization of mineral lubricating oils. C. E. Waters. Tech. Pap. BS, T4 (1911). |
| 5 | T13 | OP | Evaporation test for mineral lubricating and transformer oils. C. E. Waters. Tech. Pap. BS, T13 (1911). |

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6	C45	OP	Testing of materials; lubricating oils and greases. Cir. BS, C45, 68 (1913).
7	T37	OP	Iodine number of linseed and petroleum oils. W. H. Smith and J. B. Tuttle. Tech. Pap. BS, T37 (1914).
8			Laws of lubrication of horizontal journal bearings (experimental). M. D. Hersey. Jour. Wash. Acad. Sci., <u>4</u> , 542 (1914).
9			On the laws of lubrication of journal bearings (mathematical). M. D. Hersey. Trans. Am. Soc. Mech. Engrs., <u>37</u> , 167 (1915).
10			Notes on the theory of efflux viscosimeters. E. Buckingham. Jour. Wash. Acad. Sci., <u>6</u> , 154 (1916).
11			Theory of the torsion and rolling ball viscosimeters, and their use in determining the effect of pressure on viscosity. M. D. Hersey. J. Wash. Acad. Sci., <u>6</u> , 525 (1916).
12	T73	OP	Data on oxidation of automobile cylinder oils. C. E. Waters. Tech. Pap. BS, T73 (1916).
13	S278	OP	An investigation of the laws of plastic flow. E. C. Bingham. Bul. BS, <u>13</u> , 309 (1916).
14	T77	OP	Density and thermal expansion of American petroleum oils. H. W. Bearce and E. L. Peffer. Tech. Pap. BS, T77 (1916).
15	C59	OP	U. S. Standard Baumé hydrometer scales. Cir. BS, C59 (1916).
16	M15	OP	Some technical methods of testing miscellaneous supplies; <u>lubricating oils</u> . P. H. Walker. Misc. Pub. BS, 57 (1916).
17			Quantitative test for resistance of lubricating oils to emulsification. W. H. Herschel. Proc. Am. Soc. Test. Mat'ls, <u>16</u> (2), 248 (1916); Power, 485 (April 4, 1916).
18			Testing of lubricating oils. W. H. Herschel. Oildom, <u>6</u> , 590 (Dec. 1916).
19			The testing and standardization of lubricating oils. W. H. Herschel. Oil, Paint, and Drug Reporter, <u>91</u> , 14 (Feb. 9, 1917).

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20	T86	OP	Resistance of an oil to emulsification. W. H. Herschel. Tech. Pap. BS, T86 (1917).
21	S298	OP	Standard substances for the calibration of viscometers. E. C. Bingham and R. F. Jackson. Bul. BS, <u>14</u> , 59 (1917).
22	T100	OP	Determination of absolute viscosity by short tube viscosimeters. W. H. Herschel. Tech. Pap. BS, T100 (1917).
23			Determination of absolute viscosity by the Saybolt Universal and Engler viscosimeters. W. H. Herschel. Proc. Am. Soc. Test. Mat'ls, <u>17</u> (2), 551 (1917).
24			The standard Saybolt Universal viscosimeter. W. H. Herschel. Proc. Am. Soc. Test. Mat'ls, <u>18</u> (2), 363 (1918).
25	T109	OP	Conservation of tin in bronzes, bearing metals and solders. G. K. Burgess and R. W. Woodward. Tech. Pap. BS, T109 (1919); Trans. Am. Inst. Min. Met. Eng. <u>60</u> , 162 (1919).
26	T112	OP	Standardization of the Saybolt Universal viscometer. W. H. Herschel. Tech. Pap. BS, T112 (1919).
27	T125	OP	Viscosity of gasoline. W. H. Herschel. Tech. Pap. BS, T125 (1919).
28			A viscosimeter for gasoline. W. H. Herschel. Proc. Am. Soc. Test. Mat'ls, <u>19</u> (2), 676 (1919).
29	T164	OP	Saybolt viscosity of blends. W. H. Herschel. Tech. Pap. BS, T164 (1920).
30	T176	5¢	Slushing oils. P. H. Walker and L. L. Steele. Tech. Pap. BS, T176 (1920).
31	T177	OP	Sulphur in petroleum oils. C. E. Waters. Tech. Pap. BS, T177 (1920).
32	C99	OP	Carbonization of lubricating oils. C. E. Waters. Cir. BS, C99 (1920).
33			The MacMichael viscosimeter. W. H. Herschel. J. Ind. and Eng. Chem., <u>12</u> , 282 (1920).
34			The Saybolt viscosity of oil blends. W. H. Herschel. Chem. & Met. Eng., <u>22</u> , 1109 (1920).

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- 43 Viscosity and friction. W. H. Herschel. J. Soc.
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- 45 T223 OP Reclamation of used petroleum lubricating oils.
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51	The physical properties of the ASTM tentative stand- ard white-metal bearing alloys. J. R. Freeman, jr. Proc. Am. Soc. Test. Mat'ls, <u>22</u> (1), 207 (1922).	
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56	An investigation of heavy duty truck drive axles. S. Von Ammon. J. Soc. Auto. Engrs., <u>12</u> , 517 (1923).	
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68			An oxidation method for measuring the stability of mineral oils. T. S. Sligh, jr. Proc. Am. Soc. Test. Mat'ls, <u>24</u> (2), 964 (1924).
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70			Effect of impurities on compression strength and hardness of babbitt metals at normal and elevated temperatures. J. R. Freeman, jr. and P. F. Brandt. Proc. Am. Soc. Test. Mat'ls, <u>24</u> (1), 253 (1924).
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81			Chapter on <u>consistency</u> in Jerome Alexander's compilation, "Colloid Chemistry." W. H. Herschel. <u>1</u> , 727 (1926), New York: Chemical Catalog Co.
82	S520	10¢	Nonflammable liquids for cryostats (V. <u>Measurements of viscosity</u> . C. W. Kanolt. 627). BS Sci. Pap. S520, <u>20</u> , 619 (1926).
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